

1. (Canceled).
2. (Canceled).
3. (Canceled).
4. (Canceled).
5. (Canceled).
6. (Canceled).
7. (Canceled).
8. (Canceled).
9. (Canceled).
10. (Canceled).
11. (Canceled).
12. (Canceled).
13. (Canceled).
14. (Canceled).
15. (Canceled).

16. (Canceled).

17. (Original). A CS 141 polypeptide having at least 60% identity with an amino acid sequence selected from the group consisting of SEQUENCE ID NO 24, SEQUENCE ID NO 25, SEQUENCE ID NO 26, SEQUENCE ID NO 27, SEQUENCE ID NO 28, and fragments thereof.

18. (Original). The polypeptide of claim 17, wherein said polypeptide is produced by recombinant techniques.

19. (Original). The polypeptide of claim 17, wherein said polypeptide is produced by synthetic techniques.

20. (Canceled).

21. (Original). An assay kit for determining the presence of CS141 antigen or anti-CS141 antibody in a test sample, comprising a container containing a CS141 polypeptide having at least 50% identity with an amino acid sequence selected from the group consisting of SEQUENCE ID NO 24, SEQUENCE ID NO 25, SEQUENCE ID NO 26, SEQUENCE ID NO 27, SEQUENCE ID NO 28, and fragments thereof.

22. (Original). The assay kit of claim 21, wherein said polypeptide is attached to a solid phase.

23. (Original). An assay kit for determining the presence of CS141 antigen in a test sample, comprising a container containing an antibody which specifically binds to a CS141 antigen which comprises at least one CS141 epitope.

24. (Canceled).

25. (Canceled).

26. (Canceled).

27. (Canceled).

28. (Canceled).

29. (Canceled).

30. (Canceled).

31. (Canceled).

32. (Canceled).

33. (Canceled).

34. (Original). A composition of matter comprising a polypeptide containing at least one CS141 epitope, wherein said polypeptide has at least 60% identity with a sequence selected from the group consisting of SEQUENCE ID NO 24, SEQUENCE ID NO 25, SEQUENCE ID NO 26, SEQUENCE ID NO 27, SEQUENCE ID NO 28, and fragments thereof.

35. (Canceled).

36. (Original). The assay kit of claim 21 further comprising a container with tools useful for collection of said sample, wherein the tools are

selected from the group consisting of lancets, absorbent paper, cloth, swabs and cups.

37. (Canceled).

38. (Canceled).

39. (Canceled).